Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 01 Sep 2023 until 23:59 on Saturday 02 Sep 2023

Forecast Issued on Friday 01 Sep 2023 at 04:42

Confidence: High for the overall trend towards more settled weather over the coming days, but moderate for cloud details today.

Headline for Friday 01 Sep 2023: Murky with persistent rain and drizzle.

Mountain weather hazards on Friday 01 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability					
30%	30%	30%	20%	20%	20%

Forecast for Friday 01 Sep 2023

Weather: A murky day overall, with extensive low cloud, mist, rain and drizzle. The rain will be mostly light but persistent, easing very gradually whilst often turning to drizzle. Western parts may become dry later in the afternoon but the cloud will often be lower in the east and thick enough to produce some precipitation through most of the day.

Chance of cloud-free hill tops above 600m: 30%.

Low Cloud and visibility: Poor to very poor at most heights, with extensive low cloud as low as 300m but perhaps less in any outbreak of drizzle. Visibility becoming mediocre or good outside of cloud, but summits are likely to remain covered throughout the day. Best chance of any breaks in the west.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 01 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 E	9/13 E	9/14 E	11/16 E	10/16 E	10/17 E	9/14 E
300	6/13 E	7/12 E	8/13 E	9/16 E	9/16 E	9/17 NE	7/14 NE
Valley	6/13 E	6/11 E	8/14 E	8/14 E	7/13 E	9/17 E	6/12 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	11/9	12/10	12/10	12/10	11/9	11/9
300	12/11	13/12	15/14	16/14	14/13	13/11	12/11
Valley	13/12	15/14	17/16	18/17	16/16	14/13	13/13
Freezing Level*	2500m	2400m	2400m	2400m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good navigation skills required at times, due to poor visibility.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 01 Sep 2023	0.8mm	0.8mm	5.4mm

Forecast for Saturday 02 Sep 2023

Weather: Low cloud and patchy fog quickly clearing to sunny spells and fair weather cloud. Generally dry although the odd light shower cannot be ruled out around the middle of the day.

Maximum wind: Variable 5-10mph.

Chance of cloud-free hill tops above 600m: 30% rising to 90%.

Low Cloud and visibility: Areas of low cloud base below 400m at first, and patchy fog in valleys, with poor visibility. Westernmost hills may remain clear. Cloud and fog will quickly clear, with cloud bases lifting above summits by late morning, and visibility becoming very good all around.

Temperature: **Valleys:** Plus 14 Celsius increasing to plus 21 Celsius
At 600m: Plus 10 Celsius increasing to plus 16 Celsius.
Freezing level: Above summits.

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